

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025107.D
 Acq On : 30 Jun 2018 22:52
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:17:40 PM

Quant Time: Jul 02 07:46:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	168550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	258785	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151524	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	126883	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	4.89	113	102728	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	7.57	98	333281	42.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.08%	
62) 4-Bromofluorobenzene	10.31	95	142756	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	89399	42.37	ug/l	99
3) Chloromethane	1.33	50	106178	49.26	ug/l	100
4) Vinyl Chloride	1.40	62	108594	48.85	ug/l	97
5) Bromomethane	1.62	94	60144	55.97	ug/l	99
6) Chloroethane	1.69	64	69379	55.98	ug/l	99
7) Trichlorofluoromethane	1.89	101	173790	51.23	ug/l	98
8) Diethyl Ether	2.10	74	65095	56.64	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	101319	48.14	ug/l	97
10) Methyl Iodide	2.41	142	102172	56.59	ug/l	98
11) Tert butyl alcohol	2.82	59	166567	248.90	ug/l	99
12) 1,1-Dichloroethene	2.28	96	95759	49.90	ug/l	96
13) Acrolein	2.19	56	53883	153.33	ug/l	98
14) Allyl chloride	2.59	41	162863	45.70	ug/l	98
15) Acrylonitrile	2.93	53	338091	259.66	ug/l	99
16) Acetone	2.32	43	320329	216.67	ug/l	98
17) Carbon Disulfide	2.48	76	264518	43.04	ug/l	99
18) Methyl Acetate	2.62	43	205520	64.84	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	388218	53.81	ug/l	95
20) Methylene Chloride	2.70	84	117059	50.46	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	105368	49.85	ug/l	98
22) Diisopropyl ether	3.57	45	369381	52.29	ug/l	97
23) Vinyl Acetate	3.53	43	1536212	242.77	ug/l	99
24) 1,1-Dichloroethane	3.45	63	211508	52.05	ug/l	98
25) 2-Butanone	4.26	43	494994	249.26	ug/l	97
26) 2,2-Dichloropropane	4.23	77	144368	37.41	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	135111	55.60	ug/l	96
28) Bromochloromethane	4.55	49	82973	46.36	ug/l	85
29) Tetrahydrofuran	4.63	42	314490	255.73	ug/l	96
30) Chloroform	4.68	83	225513	54.83	ug/l	99
31) Cyclohexane	5.00	56	189320	52.56	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	206033	54.17	ug/l	97
36) 1,1-Dichloropropene	5.14	75	156207	51.37	ug/l	97
37) Ethyl Acetate	4.38	43	180936	54.59	ug/l	98
38) Carbon Tetrachloride	5.14	117	181494	54.27	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	189656	49.98	ug/l	96
40) Benzene	5.39	78	469165	54.14	ug/l	99
41) Methacrylonitrile	4.54	41	102877	57.57	ug/l	98
42) 1,2-Dichloroethane	5.41	62	192878	58.44	ug/l	99
43) Isopropyl Acetate	5.55	43	293822	51.29	ug/l	99
44) Trichloroethene	6.19	130	133903	54.30	ug/l	94
45) 1,2-Dichloropropane	6.44	63	123164	53.27	ug/l	100
46) Dibromomethane	6.56	93	88480	54.48	ug/l	94
47) Bromodichloromethane	6.76	83	173369	53.61	ug/l #	99
48) Methyl methacrylate	6.62	41	152075	54.51	ug/l	98
49) 1,4-Dioxane	6.61	88	68858	1262.14	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	957070	265.90	ug/l	98
52) Toluene	7.64	92	301725	54.12	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	179152	49.33	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	188606	48.74	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	123448	54.48	ug/l	98
56) Ethyl methacrylate	8.02	69	196434	51.79	ug/l	99
57) 1,3-Dichloropropane	8.25	76	212081	55.48	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	344132	236.84	ug/l	95
59) 2-Hexanone	8.36	43	760368	258.76	ug/l	99
60) Dibromochloromethane	8.48	129	142413	50.40	ug/l	100
61) 1,2-Dibromoethane	8.59	107	136471	54.11	ug/l	98
64) Tetrachloroethene	8.23	164	129995	56.13	ug/l	97
65) Chlorobenzene	9.12	112	349267	56.11	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	128389	54.29	ug/l	97
67) Ethyl Benzene	9.25	91	595205	54.55	ug/l	98
68) m/p-Xylenes	9.38	106	464691	110.90	ug/l	97
69) o-Xylene	9.78	106	233179	56.23	ug/l	95
70) Styrene	9.80	104	371613	54.53	ug/l	98
71) Bromoform	9.96	173	112849	50.21	ug/l #	99
73) Isopropylbenzene	10.17	105	621579	53.43	ug/l	100
74) N-amyl acetate	10.01	43	259411	46.88	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	205835	52.80	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	187894m	56.32	ug/l	
77) Bromobenzene	10.45	156	158656	53.87	ug/l	94
78) n-propylbenzene	10.59	91	698288	50.95	ug/l	97
79) 2-Chlorotoluene	10.66	91	422766	52.31	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	533763	52.94	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	59153m	41.04	ug/l	
82) 4-Chlorotoluene	10.78	91	486601	51.73	ug/l	100
83) tert-Butylbenzene	11.10	119	527019	54.34	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	538516	52.41	ug/l	100
85) sec-Butylbenzene	11.33	105	629718	51.87	ug/l	98
86) p-Isopropyltoluene	11.48	119	550116	50.59	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	287435	52.83	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	286829	52.37	ug/l	99
89) n-Butylbenzene	11.89	91	437831	45.35	ug/l	97
90) Hexachloroethane	12.15	117	98210	46.30	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	296282	54.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53072	49.34	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	181610	53.96	ug/l	99
94) Hexachlorobutadiene	13.70	225	97080	51.25	ug/l	99
95) Naphthalene	13.74	128	600822	53.87	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	192516	57.41	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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